

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: PM (DC-0251)
Inventors: Wade and Demian
Serial No.: 09/720,078
Filing Date: July 25, 2001
Examiner: Phillip Gambel
Group Art Unit: 1644
Title: Methods and Compositions for
Modulating Antigen-Specific
Immunological (Humoral) Responses
Targeting Such Antigen to APCs in
Conjunction with Anti-CD40 Ligand
Administration

U.S. Patent & Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

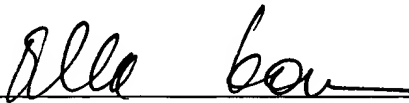
POWER OF ATTORNEY WITH REVOCATION

Revoking any and all powers of attorney heretofore given in the matter of the above-entitled application, the undersigned, assignee of the entire interest in the above-identified application, hereby appoints Licata & Tyrrell P.C., Jane Massey Licata, Registration No. 32,257, Kathleen A. Tyrrell and Registration No. 38,350, Laura Plunkett, Registration No. 45,015, of Marlton, New Jersey, as attorney, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to

Send all future correspondence and address all telephone calls
to:

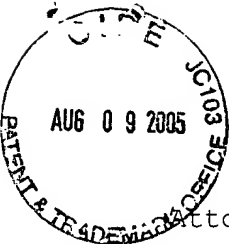
Jane Massey Licata, Esquire
Licata & Tyrrell P.C.
66 E. Main Street
Marlton, New Jersey 08053
Phone: (856) 810-1515
Fax: (856) 810-1454

Respectfully submitted,



Name: **Alla Kan, Director**
Title: **Technology Transfer Office**

Date: August 1, 2005



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CERTIFICATE UNDER 37 CFR 3.73(b)

Trustees of Dartmouth College, a corporation certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above. The assignment is attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

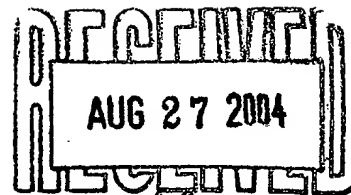
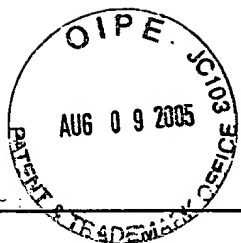
I hereby declare that all statements made herein of my own belief are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Alla Kan
Signature

August 1, 2005
Date
Alla Kan, Director
Technology Transfer Office

Typed or printed name

Title



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 24, 2004

PTAS



102683805A

LICATA & TYRRELL P.C.
JANE MASSEY LICATA
66 E. MAIN STREET
MARLTON, NJ 08053

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/03/2004

REEL/FRAME: 015023/0249

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 021033-0276517 (DC-0251)

ASSIGNOR:

WADE, WILLIAM F.

DOC DATE: 02/12/2004

ASSIGNEE:

TRUSTEES OF DARTMOUTH COLLEGE
TECHNOLOGY TRANSFER OFFICE
11 ROPE FERRY ROAD, #6210
HANOVER, NEW HAMPSHIRE 03755-1404

SERIAL NUMBER: 09720078

FILING DATE: 07/25/2001

PATENT NUMBER:

ISSUE DATE:

TITLE; METHODS AND COMPOSITIONS FOR MODULATING ANTIGEN-SPECIFIC
IMMUNOLOGICAL (HUMORAL) RESPONSES BY TARGETING SUCH ANTIGEN TO APCs
IN CONJUNCTION WITH ANTI-CD40 LIGAND ADMINISTRATION

FORM PTO-1595

1-31-92

Docket No.: 021033-0276517 (DC-0251)

AUG 09 2005

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

03-04-2004

RECORDATION FOR



ENTS ONLY

102683805

To The Commissioner for Patents. Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies):

William F. Wade

Additional name(s) of conveying party(ies) attached?

() YES (XX) NO

3. Nature of Conveyance:

(XX) Assignment () Merger

() Name Change () Security Agreement

() Other: _____

Execution date: February 12, 2004

2. Name and address of receiving party(ies):

Name: Trustees of Dartmouth College

Internal Address: Technology Transfer Office

Street Address: 11 Rope Ferry Road, #6210

City: Hanover

State: New Hampshire

Zip: 03755-1404

Additional names (s) & address attached?

() YES (XX) NO

4. Application number(s) or patent number(s):

A. Patent Application No(s). 09/720,078 FILED July 25, 2001

B. Patent No(s).

If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? () YES (XX) NO

5. Name and address of party to whom correspondence concerning documents should be mailed:

Licata & Tyrrell P.C.

66 E. Main Street

Marlton, New Jersey 08053

6. Total number of applications and patents involved: One (1)

7. Total fee (37 CFR 3.41): \$40.00

() Enclosed

(XX) Authorized to be charged to deposit account.

8. Deposit Account number: 50-1619

(Attach duplicate copy of this page if paying by deposit account.)

DO NOT USE THIS SPACE

9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jane Massey Licata, Reg. No. 32,257

Name of Person Signing

Signature *Jane Massey Licata*

March 1, 2004

Total number of pages comprising cover sheet, attachments, and document: Three

Mail documents to be recorded with required cover sheet information to:

03/04/2004 LMUELLER 00000110 501619 09720078

Commissioner for Patents

01 FC:8021

40.00 DA

Box Assignments

Alexandria, VA 22313-1450

2004 MAR -3 AM 7:46
OFFICE OF
COMMERCE/FINANCE

A S S I G N M E N T

WHEREAS, I, William F. Wade, hereinafter referred to as the assignor, residing at 228 Hardy Hill Road, Lebanon, New Hampshire 03766 am a joint inventor of certain inventions or improvements for which I have made application for Letters Patent to the United States, identified as Serial No. 09/720,078, filed July 25, 2001, entitled **Methods and Compositions for Modulating Antigen-Specific Immunological (Humoral) Responses by Targeting Such Antigen to APCs in Conjunction with Anti-CD40 Ligand Administration**; and

WHEREAS, Trustees of Dartmouth College, hereinafter referred to as the assignee, of 11 Rope Ferry Road, Hanover, NH 03755-1404, a corporation of New Hampshire, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

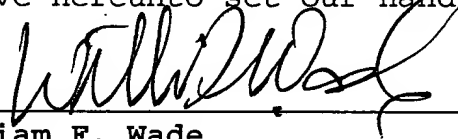
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application or any other application based in whole or in part thereon, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said

assignee, its successors, assigns, nominees, or legal representatives, and I agree to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set our hands and seals.

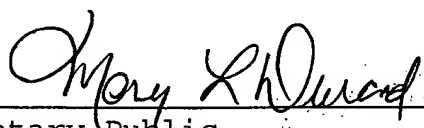


William F. Wade (L.S.)

State of New Hampshire

COUNTY OF Grafton: SS

On this 12th day of February, 2004, before me personally came the above named William F. Wade to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.



Notary Public
Justice of the Peace

PM (DC-0251)

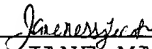
CERTIFICATE OF EXPRESS MAILING

"Express Mail" Label No. **EV735453558US**

Date of Deposit: **August 9, 2005**

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to Mail Stop "AF", Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

- 1) General Transmittal Letter (2 copies);
- 2) Combined Amendment & Petition for Extension of Time under 37 CFR 1.136(a) (Small Entity);
- 3) Reply Under 37 C.F.R. 1.116;
- 4) Power of Attorney with Revocation;
- 5) Certificate Under 37 CFR 3.73(b);
- 6) Copy of Recorded Assignment;
- 7) Return Postcard; and
- 8) Authorization to charge deposit account in the amount of \$225.00.



JANE MASSEY LICATA